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47549 7590 02/21/2007

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01 FC:1501 1400.00 OP
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Marianna Tortorelli (Depositor's name)
 Marianna Tortorelli (Signature)
 March 28, 2007 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/975,682	10/11/2001	Gang Huang	117.0015	9461

TITLE OF INVENTION: METHOD AND APPARATUS FOR CROSS-TALK MITIGATION THROUGH JOINT MULTIUSER ADAPTIVE PRE-CODING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	05/21/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
KIM, KEVIN	2611	375-296000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Agere Systems Inc.

Allentown, PA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature Peter H. Priest

Date March 28, 2007

Typed or printed name Peter H. Priest

Registration No. 30,210

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117.0015
Huang 12

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03-28-2007

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Huang et al.

Serial No.: 09/975,682

Filed: October 11, 2001

For: METHOD AND APPARATUS FOR CROSS-TALK MITIGATION THROUGH
JOINT MULTIUSER ADAPTIVE PRE-CODING

Group: 2638

Examiner: Kim, Kevin

Durham, North Carolina
March 28, 2007

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATION OF FACSIMILE TRANSMISSION

Sirs:

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax. No. 571-273-2885 on the date set forth below

1. Issue Fee Transmittal (1 page).
2. PTO-2038 Credit Card Payment Form (1 page).

Marianna Tortorelli

Printed name of person signing

Marianna Tortorelli

Signature

Date: March 28, 2007